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AVE100 Series
Circuit Tester

User Manual

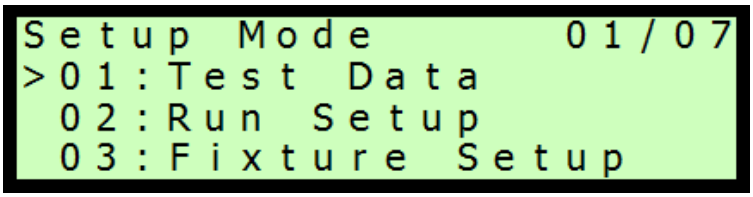
Picture 1 : Front Panel

1. Mode Selection

1.1 Mode SETUP : Use for engineering set up.
1.2 Mode RUN : Use for production run.

** Select switch RUN/SETUP on Front panel and push RESET for enter selection mode.

1.1 Mode SETUP : Use for engineering set up. (7 Mode inside)



01: Test Data (3 mode inside)

A) Lasted Result : view the lasted data.
B) View Test Data : view the summary data. (Test, unit, pass, fail, %yield)
C) Clear Test Data : Clear all data. (Test, unit, pass, fail, %yield)

02: Run Setup (7 mode inside)

A) View Step Header : View the detail of step file.
B) View Step Data : View pin number and hi-lo limit .
C) Test Result : 5 Mode inside

1. Display Summary : Choose the product / step result or none at display show.
2. Product Display : Choose product display type > pass / fail / all / selected unit or none at display show.
3. Select Product : Add new select or clear all for product.

4. Step Display : Choose step display type > pass / fail / all / selected unit or none at display show.
5. Select Step : Add new select or clear all for step.

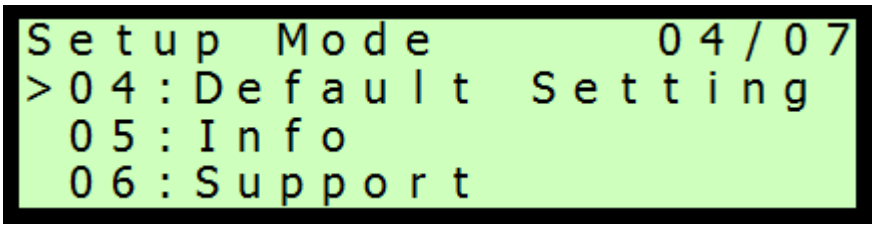
D) PC-Link (Select 3 mode for connect with computer)
1. Disable : Not sent the data.
2. Result Only : Sent data pass / fail only.
3. M-Value&Result : Sent data value and pass / fail.

E) U-Plate Action (Select 2 mode for floating the upper plate)
1. Test Finish : Upper plate floating when test finish.
2. All Step Pass : Upper plate floating when all step pass.

F) Clear Offset : Use for start new machine, found error etc.
Password : 0000 (for inicial)

G) Debug Mode : Enable or disable

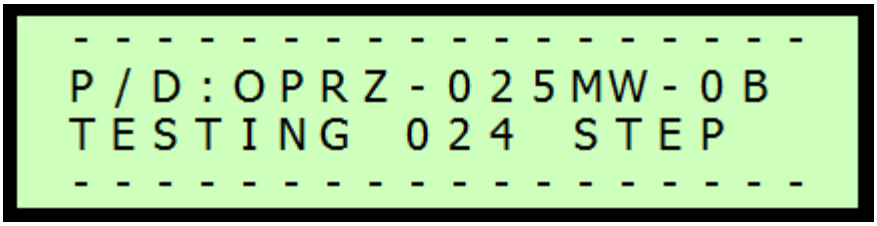
03: Fixture Setup (3 mode inside)
A) Output Control : Manual output control. (on/off 8 Port-Main, 8 Port-EXT1, 8 Port-EXT2)
B) Source Control : Choose the voltage source (3.3V / 5V).
C) U-Plate Control : View the status for upper plate.



04: Default Setting : For setting the Factory default .
05: Info : View the machine information.
06: Support : View the contact person for machine service.
07: Update Firmware : For update new version of machine firmware.

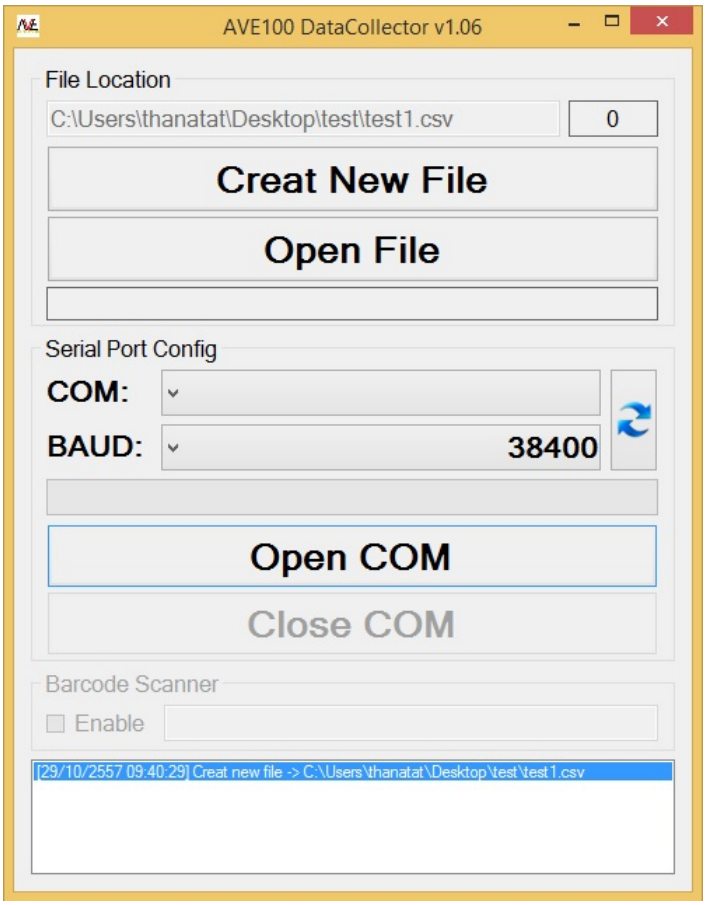
1.2 Mode RUN : Use for production run.

** This mode is automatic run, display is according to setup parameter from setup mode.**



2. PC Program : AVE100 Data Collector

2.1 Use for collecting the data (pass / fail / value / process time).
2.2 Barcode, 2D Code Scanner available.
2.3 Connect with PC by USB Cable.
2.4 Database system supported.



Picture 2 : AVE100 Data Collector Program

3. Instruction

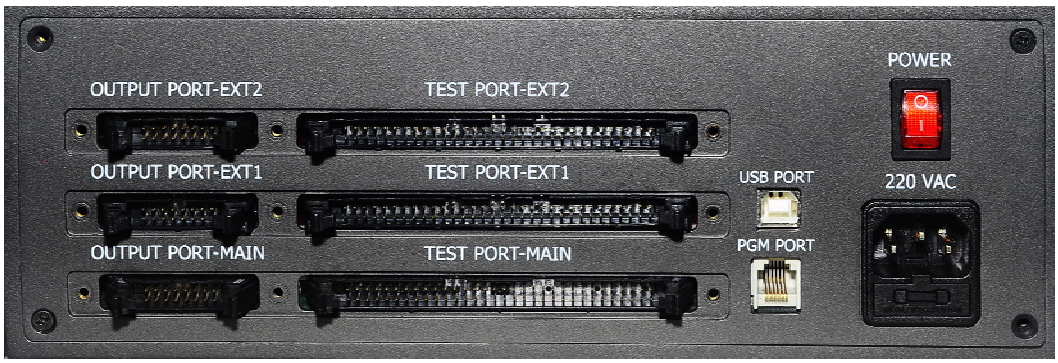
3.1 Front Panel.

- PASS/FAIL LED : For Show testing status.
- BUZZER button : For On/Off buzzer alarm.
- RESET button : For reset all status.
- RUN/SETUP switch : For Select mode.
- Direction button : For Control direction.

Picture 1 : Front Panel

3.2 Back Panel.

- 220VAC Plug : For Connect with power cable.
- POWER button : For On/Off power.
- USB PORT : For data collection connect with PC.
- PGM PORT : For update new firmware
- TEST PORT : For Connect with Fixture/Product.
- OUTPUT PORT : For control electronic device.



Picture 3 : Back Panel

3.3 Dimension.

- Width 29 cm.
- Length 28 cm.
- High 10 cm.

Picture 4 : AVE100 Circuit Tester

4. Optional

** AVE100E Extension Module : Function depend on customer requirement.

Picture 5 : AVE100E Extension Module